

Joshua Rodriguez Santiago

joshuarodriguezsantiago@outlook.com (954) 663-4694

Personal Site: www.joshua-rodriguez.com | CodeEval: www.codeeval.com/profile/rodri183

EDUCATION

Florida Atlantic University, Boca Raton, FL

August 2016

Bachelors of Science in Computer Science

Innovation Leadership Honors Program

Florida Atlantic University Presidents and Dean List - Fall 2014

GPA: 3.74 / 4.0

SOFTWARE AND HARDWARE SKILLS

Programming Languages & Frameworks: Java, Swift, C++, C, Python

Web Languages: HTML5, CSS, JavaScript(Node, Express, Angular)

Software: Android Studio, XCode, Git, MongoDB, MySQL

Electronics: Arduino Platform, Texas Instrument MSP430

EMPLOYMENT

FlexShopper, Boca Raton, FL

January 2016 – April 2016

Position: Software Engineering Intern (Fullstack Developer)

- Created tests for software API endpoints, ensuring successful behavior
- Created tools to aid in common development tasks (Yeoman Generator's)
- Wrote detailed documentation and created illustrative diagrams pertaining to software architecture

Unify, Boca Raton, FL

November 2015 – February 2016

Position: Software Engineering Intern (Android Development Team)

- QA Testing with HP Quality Control Center, Sanity Testing for iOS, Android, & Web Client
- Worked on maintaining Android Client by fixing bugs, and implementing new features.
- Use of Jira, Gerrit, & Confluence for code reviews, source control, documentation and task management

Florida Atlantic University, Boca Raton, FL

August 2015 - Present

Position: CAPTURE Mentor

- Tutor any incoming freshmen, or transfer students in the field of Computer Engineering/Science
- Mentor the students by giving them success tips, strategies, and even personal support

ACADEMIC & PERSONAL PROJECTS

Shopping Cart Application (*Object Oriented Software Design, Fall 2015*)

<https://github.com/JoshuaRodriguez/Java-Code>

Designed a Java Swing application with market place like behavior similar to Amazon or eBay

- Extensive use of Singleton, Strategy, Observer, and Iterator design patterns
- Application is fully persistent via the Java Serialization technique (Saves current state of the app)

Patatap Clone (*Spring 2016*)

<https://github.com/JoshuaRodriguez/Web-Development-Code/tree/master/PatatapClone>

Simple recreation of the Patatap animation and sound kit. With a single key press, generate shapes and sounds on screen.

- Developed using Paper.js and Howler.js libraries for visual effects and sound

My TaskBoard (*Spring 2016 - Work in Progress*)

https://github.com/JoshuaRodriguez/Web-Development-Code/tree/master/My_TaskBoard_Angular_App

Simple task manager app which acts as a task board. Allows the user to add, remove, and drag/drop task cards created.

- Developed using AngularJS, Twitter Bootstrap, CSS, HTML5.
- Still a work in progress, future functionality involves login credentials and persistence of data (MongoDB)

SPOKEN LANGUAGES

Spanish (Professional Working Proficiency)

Arabic (Elementary Proficiency)